



BOW VALLEY COLLEGE – STRATHMORE HIGH SCHOOL DUAL CREDIT 2025–2026: GAME DESIGN + ENVIRONMENTAL ART

STRATHMORE HIGH SCHOOL
GRADES 10-12
DUAL CREDIT WITH BOW
VALLEY COLLEGE

GAME1101
Game Design

GAME1301
Environmental Art

Opportunities to engage with our Industry Partner, Epic Games

High School Graduation

Post-Secondary Bow Valley College

Years 1-5

Advance Game
Development Diploma
(Learners have 5 years to
complete)

Completion of
Advanced Game
Development
Diploma
(6 Terms)

Post-Secondary Convocation

Entry into the Work Force Potential Careers:

- Game Designer
- Systems Designer
- Game Programmer
- AI Programmer
- Gameplay Engineer or Animator
- Game Artist
- Character Artist
- Environment Artist
- FX Artist
- Game Illustrator

01

SEM 1: Game Design & Development
SEM 2: Environmental Art
Classes will run 8:35 – 9:35 am each day

02

Students will receive 5 high school credits for each course, as well credit for GAME 1101 and GAME 1301 in the Bow Valley Advanced Game Development Diploma.

03

Classes will be taught by Bow Valley College Instructors and SHS teacher, Mr. Hargrove, in the new SHS ESports and Game Design Lab.

04

Students will be excused from FLEX and the first 15 minutes of period 1 each day. It will be the student's responsibility to communicate with teachers in order to maintain progress in other classes.

05

Link to [Bow Valley Advanced Game Development Diploma Program](#) (6 Terms)

06

Ideal for students with a passion for game design and art, with an interest in pursuing as a career.

07

Students who successfully complete these dual credit options will have priority access to future courses related to ESports, Broadcasting & Production, Animation, and Internet of Things in subsequent years

?

MORE QUESTIONS OR
WANT TO CONNECT?

Doug Raycroft (Principal) douglas.raycroft@ghsd75.ca

Michael Bradford (Vice Principal) michael.bradford@ghsd75.ca

Darrell Hargrove (Lead Teacher) darrell.hargrove@ghsd75.ca



READY TO REGISTER?

SIGN UP HERE OR SCAN THE QR CODE:

[BOW VALLEY COLLEGE – SHS DUAL CREDIT
SIGN UP FORM](#)



BOW VALLEY COLLEGE – STRATHMORE HIGH SCHOOL DUAL CREDIT 2025–2026: GAME DESIGN + ENVIRONMENTAL ART

GHSD Collegiate – Digital Arts & Esports Pathways Explained

In Year 1 of the Collegiate, students will complete the following 2 courses. Each course results in 3 credits for a total of 6 credits towards an [Advanced Game Development Diploma](#) at Bow Valley College.

COURSE	LEARNING OUTCOMES
GAME1101 – Game Design	<ul style="list-style-type: none">• Interact with game industry professionals.• Learn the history of games and their cultural significance.• Formulate a game concept, create a pitch, and present it.• Break down game mechanics.• Incorporate game design tools, including loops, psychology, balance, and rewards.• Identify and demonstrate the importance of and design around player choice, strategy, skill, and chance.• Utilize a game engine to create game prototypes.
GAME1301 – Environmental Art	<ul style="list-style-type: none">• Analyse and identify game art.• Implement fundamental art and design concepts.• Create 2D and 3D Environmental Art and Props.• Utilize UV unwrapping to apply texture to 3D models.• Utilize digital content creation (DCC) tools using industry standard workflows.